

CCN1, 1-377aa, Human, His tag, E.coli

Cat.NO.: TP01470

3th Edition

Synonyms:Cyclin-I, CYC1, CYI

Description:CCN1 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin shows the highest similarity with cyclin G. The transcript of this gene was found to be expressed constantly during cell cycle progression. The function of this cyclin has not yet been determined. Recombinant human CCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Molecular Weight:44.9kDa (400aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKFPGLLENQRLSFLLEKAITREAAQMWKVNVRKMPNQNVSQRDEVIQ
WLAKLKYQFNLYPETFALASSLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLARDSFCGCSSEILR
MERIILDKLNWDLHTATPLDFLHIFHAI VSTRPQLLFSPLKLSPSQHLAVLTKQLLHMACNQLLQFRGSMLALAMV
SLEMEKLIPDWLSLTIELLQKAQMDSSQLIHCRELVAAHHLSTLQSSLPLNSVYVYRPLKHTLVTCDKGVFRLHPSSVP
GPDFSKDNSKPEVPVRGTAAFYHHLPAASGCKQTSTKRKVEEMEVDYDGIKRLYNEDNVSENVGSGVCGTDLSR
QEGHASPCPPLQPVSVM

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.